

Remarks

The Applicants have amended Claims 15, 16, 29, and 30. No claims have been added or cancelled. Thus, Claims 15-34 remain pending.

The Applicants note with appreciation the withdrawal of the previous 35 U.S.C. §101 rejection of Claims 15-34. The Applicants further note with appreciation the Examiner's suggestions on amendments to overcome the current rejections.

The Applicants would like to thank the Examiner for discussing the current rejections with the Applicants' representative on April 29, 2008. The inclusion of the phrase "via the computation unit" with respect to integrating and determining in Claims 15 and 29 was discussed. The typographical error in the differential equation of paragraphs 10 and 17 and Claims 16 and 30 was also discussed.

The Applicants have amended paragraphs 10 and 17 and Claims 16 and 30 to correctly represent the differential equation. The differential equation as amended includes the correct symbol for the partial derivative; specifically, " δ " replaces " f ", which was mistakenly used. Support for the amendment may be found in the original specification. For example, paragraph 17 indicates that the equation is a differential equation. Additionally, the correct symbol was used in the original specification in paragraph 23.

Claims 15-34 stand rejected under 35 U.S.C. §112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which the Applicants regard as the invention. The Applicants respectfully request reconsideration and withdrawal of the rejection.

The Rejection notes that the previous addition of the phrase "via the computation unit" in the step of "processing" in Claims 15 and 29 raises a question as to whether the steps of "integrating" and "determining" are also performed via the computation unit. The Applicants herein amend

Claims 15 and 29 to recite that the steps of integrating and determining are performed via the computation unit. Thus, the Applicants respectfully submit that the features of Claims 15 and 29 are clearly recited. Accordingly, withdrawal of the 35 U.S.C. §112, second paragraph, rejection of Claims 15 and 29 and their respective dependent Claims 16-28 and 30-34 is respectfully requested.

In view of the foregoing, the Applicants submit that the entire application is now in condition for allowance, which action is earnestly requested.

Respectfully submitted,



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